

Title (en)
INSTRUMENTED ORTHOPEDIC AND OTHER MEDICAL IMPLANTS

Title (de)
INSTRUMENTIERTE ORTHOPÄDISCHE UND ANDERE MEDIZINISCHE IMPLANTATE

Title (fr)
IMPLANTS ORTHOPEDIQUES INSTRUMENTES ET AUTRES IMPLANTS MEDICAUX

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Abstract (en)
[origin: WO2006055547A2] Medical implants can comprise various instrumentation to impart desirable functionality to the implant. In some embodiments, the implants comprise functional structures, such as sensors, energy propagating transducers, drug delivery systems and the like. Additional instrumentation to facilitate the functionality of these devices can include, for example, microprocessors, communication systems, power sources or the like. Drug delivery systems can comprise, for example, an isolated reservoir with a control system to control the delivery of a biological agent from the reservoir. The implants can be orthopedic implants that are designed to interface with a patient's skeletal system wherein the orthopedic implant may itself embody sensors, processors, power supplies, memory and/or communication capability.

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WO 2006055547 A2 20060526; WO 2006055547 A3 20060824; EP 1819278 A2 20070822; EP 1819278 A4 20090408; US 2006271112 A1 20061130; US 2013066426 A1 20130314; US 2014343350 A1 20141120; US 8491572 B2 20130723; US 8740879 B2 20140603

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